

## Interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	((solid-state) (solid adj state) semiconductor semi-conductor) and (radiation xray x-ray (x adj ray) gamma uv ultra-violet ultra adj violet ir nir infrared infra-red infra adj red) and ((indium adj (antimony antimonide)) (indium-antimony) (indium-antimonide) (insb) (in adj sb)) and (dop\$3 undop\$3)).clm.	US-PGPUB	OR	ON	2005/09/01 17:45
L2	1	((detect\$3 sens\$3) and (radiation xray x-ray (x adj ray) gamma uv ultra-violet ultra adj violet ir nir infrared infra-red infra adj red) and ((indium adj (antimony antimonide)) (indium-antimony) (indium-antimonide) (insb) (in adj sb)) and (dop\$3 undop\$3) and (cryogenic (liquid adj (nitrogen helium)) (absolute with zero) (temperature with (k kelvin)))).clm.	US-PGPUB	OR	ON	2005/09/01 17:46
L3	3	((detect\$3 sens\$3) and (radiation xray x-ray (x adj ray) gamma uv ultra-violet ultra adj violet ir nir infrared infra-red infra adj red) and ((indium adj (antimony antimonide)) (indium-antimony) (indium-antimonide) (insb) (in adj sb)) and (cryogenic (liquid adj (nitrogen helium)) (absolute with zero) (temperature with (k kelvin)))).clm.	US-PGPUB	OR	ON	2005/09/01 17:46

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	104	250/370.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 17:41
S2	252	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:18
S3	783	250/370.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:23
S4	2	("3723831").URPN.	USPAT	OR	ON	2005/09/01 14:11
S5	2	("3554818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 14:11
S6	5	("3554818").URPN.	USPAT	OR	ON	2005/09/01 14:12
S7	17	("3371213"   "3567946"   "3723831"   "4228365"   "4286277"   "4365107"   "4369458"   "4371587"   "4547622"   "4651001"   "4734583"   "4749952"   "4881234"   "5051788"   "5086328"   "5262633").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 14:16
S8	3	("5449943").URPN.	USPAT	OR	ON	2005/09/01 14:16
S9	4	("3463574"   "3854796"   "4528418").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 14:17
S10	6928	(250/214R 250/214.1 250/370.02 250/370.05 250/390.01).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:19
S11	13414	(indium adj (antimony antimonide)) (indium-antimony) (indium-antimonide) (insb) (in adj sb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:20

S12	77	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:20
S13	46	(S2 S3) and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:27
S14	2510	S11 and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:27
S15	13414	(indium adj (antimony antimonide)) (indium-antimony) (indium-antimonide) (insb) (in adj sb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:57
S16	2510	S15 and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:57
S18	1767	S16 and (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:14
S19	252	250/370.14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:58
S20	783	250/370.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:58

S21	46	(S19 S20) and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:58
S23	6928	(250/214R 250/214.1 250/370.02 250/370.05 250/390.01).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 14:59
S24	25	S18 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:09
S25	139268	single with crystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:14
S26	534	S25 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:15
S27	1013593	(purity impurity dop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:16
S28	454	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:16
S29	324	S28 and ("250".clas. "257".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:19

S31	130	S28 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:19
S32	389	257/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:26
S33	1309	257/461.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:28
S35	356	257/613.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:26
S36	372	257/615.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:26
S37	2103	257/461-464.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:32
S38	83	(S32 S33 S35 S36 S37) and S15 and (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:37
S40	5328	S15 and (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:37

S41	175026	cryogenic (liquid adj (nitrogen helium)) (absolute with zero) (temperature with (k kelvin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:38
S42	992	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:39
S43	691	S42 and (light radiation x-ray xray (x adj ray) gamma neutron alpha) same (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:40
S44	616	S43 not (S21 S24 S28 S29)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 15:40
S45	0	("2004/0182993").URPN.	USPAT	OR	ON	2005/09/01 15:54
S46	7	("5017308"   "5279868"   "5371379"   "5411826"   "5425922"   "5958573"   "6157047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/01 16:25
S47	8	("6239453").URPN.	USPAT	OR	ON	2005/09/01 16:25